Empowered by Innovation

NEC

NEC Display Solutions

EDUCATION DISPLAY SOLUTIONS

PROJECTION | DESKTOP DISPLAYS | SIGNAGE SOLUTIONS   LOOKING FORWARD TO LEARNING

EDU+
EDU SOLUTIONS

D3
D2
D1
NEC

ECO
INNOVATION

ECO
PRODUCTIVITY

CONTENTS

EDUCATION FIRST An unbeatable range of targeted and application-oriented solutions, backed by an excellent service and support network, as well as a comprehensive performance guarantee. For all aspects of today's modern and creative education sector we offer outstanding innovative technology and the highest security of your investment.

INNOVATION | AND SOLUTIONS
DEDICATED TO EDUCATION

A PROVEN RECORD OF SUPPORT AND INNOVATION FOR EDUCATION

In the last few decades NEC have helped to steer the growth of technology in the education environment with display solutions that add life, reality and interactivity to the curriculum and backed by trusted support and ecological standards.

Our projectors, desktop and public displays are already a central part of the lessons, lectures and information distribution process in many education facilities across Europe and are based upon the same technologies students will use in their future careers.

WORLD CLASS PROJECTION SOLUTIONS

Our projector portfolio that is perfectly aligned to the education sector with a combination of high performance, flexible products that add life to learning whilst providing cost and environmental savings.

With everything covered from entry level value projectors to installation brightness models and ultra short throw to auditorium solutions we can support most education projection requirements and have developed our own complimentary software solutions supplied with our projectors to simplify control and maintenance of your NEC projectors or compensate for lost remote controls.

Our 3D ready models greatly increase the impact of the media being viewed. From portable and fixed projectors, to large-format LCD public displays and desktop displays, NEC provide a one stop across campus display solution.

A DEDICATED ON-LINE RESOURCE FOR OUR EDUCATION CUSTOMERS

We recently developed a closed on-line community for our education customers accessible at **www.education-nec.com**. This site carries full information on how our education solutions can benefit your establishment but we also provide registration for complimentary extended lamp warranties on various NEC models, access to demo equipment so you can try before you buy and information about our buy-back initiative for education.

Empowered by Innovation **NEC**

LOOKING FORWARD TO LEARNING

THE NEC DISPLAY SOLUTIONS ADVANTAGE

Increased Motivation and Learning Efficiency

Genuine Package and Solution Advantages for Education

Flexible and Across Campus Display Solutions

Simple to Use Display Solutions

Innovative Technologies from a One Stop Provider

Long-Term Operating Cost and Environmental Savings

NEC Service and Performance Guarantee

EDUCATION SOLUTIONS
Complimentary lamp warranty extensions are available for Education customers
VISIT: WWW.EDUCATION-NEC.COM

SPECIAL EDUCATION SOLUTIONS

DISPLAY SOLUTIONS TAILORED FOR EDUCATION

Network Capability and Control on Projectors and Signage Solutions

Wall Colour and Geometric Correction on Projectors

Future Proof Connectivity and Compatibility

Integrated MultiMedia Features

Lower Cost of Ownership Solutions

For convenient no cable connection, NEC projectors include integrated or optional USB WiFi Connection Solutions.

EDU SOLUTIONS

COMMUNICATION | PARTNERSHIP

With brightness as high as 4200 ANSI Lumen the new M420X projector with full network connectivity is ideal for larger auditoriums.

THE VISUAL FUTURE WITH NEC

ADVANCED DISTRIBUTED CONTENT MANAGEMENT WITHOUT THE COST

Modern teaching technologies demand the instant transfer of knowledge to multiple audiences and depend on networks of communication.

With NEC, dynamically-driven content can be targeted to specific groups of people. This means that important meetings, appointments, directions, general information and importantly, site alarm information can be communicated using our large format displays and projectors to a target audience at scheduled or managed times. Whether in foyers, libraries, reading rooms, cafeterias or training areas, we have the perfect display solution from a range of over 100 products.

Using the complimentary Image Express Utility (IEU) software as well as the PC control utility, installed projectors or displays can be centrally controlled over the network and their status checked. Furthermore, it's also possible to transfer presentation files and display them on all available networked projectors and PC screens. Various moderator modes allow, as appropriate, networked participants to be connected into the presentations or teaching materials.

In Training mode, the networked student/pupil participants can be switched into Live mode by the instructor, so as to actively take part in a presentation or exchange information with one another using Chat mode. Meeting mode allows every participant to become an individual presenter, and also has a function that creates "meeting reports" in the form of screenshots or short notes. These can be called up again at any time on any of the PCs. This powerful, highly motivating experience, has been developed to deliver more effective teaching without an extra price tag.

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3D | IN EDUCATION

3D is being pioneered in many schools around Europe and has quickly emerged as an ideal format for break out sessions that replace traditional hands on sessions. With 3D the viewer's can grasp a subject as if they touch it and enjoy the process more with the ability to create and deliver a complete experience and not simply a dimensional view of the subject.

For instance in Biology explaining the process of cell division with a 3D re-enactment is so much more rewarding than paging through two dimensional text books and diagrams.

3D THE BENEFITS

GREATER REALITY
With easier visual understanding of an object's dimensional characteristics, objects no longer appear a fixed distance away, but distances appear between them, with the viewer perceiving themselves as physically amongst the displayed content.

GREATER ATTENTION
3D is interesting and captivating, it is new and inspiring, in particular Education audiences find the learning experience more inspirational, more enjoyable and therefore more memorable.

GREATER EFFICIENCY
In a similar time to conventional filming, 3D passes considerably more information to the viewer in a simple to grasp manner, it therefore effortlessly accelerates learning without making the experience more trying.

INCREASED EMOTION
Whether it is interest, admiration, attraction, curiosity, or fear or awe, high quality 3D media powered by the latest 3D projection systems adds to the emotional experience to the extent that conventional viewing can seem comparatively unrewarding.

EDUCATIONAL 3D IN ACTION

Explore anything as small as a molecule or as large as our world in fascinating detail.
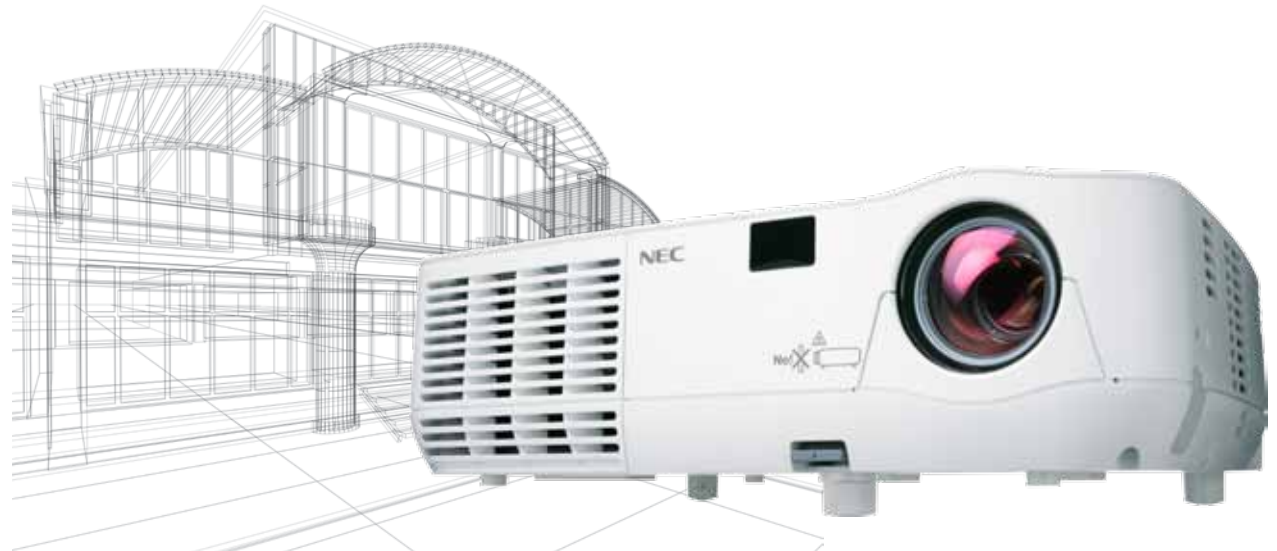
WHEN TO CHOOSE NEC DLP® LINK 3D PROJECTION

Where the screen size is up to 2.5 metres with normal indoor lighting conditions

Where 3D Ultra Short Throw or Standard Projection is required

There are up to 35 regular viewers

Where an easy single projector or mobile set-up is required

Where an affordable, standard projection solution is also required for Non-3D content

NEC

3D | IN APPLICATION

POPULAR APPLICATIONS OF 3D IN EDUCATION

Ideal applications include Biology, Physics, Chemistry, Anatomy, Geography, Mathematics, Engineering, Architecture and the Arts. NEC 3D ready value and ultra short throw projectors together with a NEC 3D Starter Kit represent the ideal introduction to 3D for the classroom. A simple, low cost PC based solution that includes the projector, viewing glasses, 3D player and other 3D media. Working together with Texas Instruments, NEC are piloting 3D installations into educational establishments across Europe.

DLP® LINK 3D PROJECTION

This 3D Solution is the ideal introduction to 3D with low cost powerful single projection and when combined with the NEC 3D Starter Kit, is everything you need to enjoy 3D out of the box. DLP® Link Glasses are interchangeable between DLP® Link projectors.

The benefits of DLP® Link for 3D projection include easy installation (no stacking of two projectors necessary), no special screen, and no special filters or signal emitter. DLP® Link delivers 3D from one projector rather than the more expensive traditional 2 projector method. With DLP® Link technology, a single projector produces the images for both eyes. The impression of 3D is created by the interaction with the active LCD shutter glasses. This solution is cheaper and more user-friendly than traditional 3D stereo-projection.

3D STARTER KIT

The NEC 3D Starter Kit is the ideal 'get you started' addition for your NEC 3D projector

3D READY U SERIES

The new U Series offer the ideal Ultra Short throw 3D Projection Solution

3D PROJECTION

PROJECTORS | FOR EDUCATION

SOLUTIONS, FOCUSSED ON EDUCATION

NEC have consistently provided cutting edge projection solutions for Education backed by strong ecological standards. Models include Ultra Short Throw solutions with integrated whiteboard mounts, Multi-Purpose Eco Projection Solutions, 3D Projection packages and high brightness systems ideal for larger venues.

We have also developed dedicated software solutions such as Virtual Remote Software which overcomes the common 'missing remote' problem, enabling the teacher to control the projector from his notebook via the VGA or Network connection. Other innovations include PC Control with LAN connectivity which makes it possible to centrally control and monitor multiple projectors and Image Express Utility that is ideal for simple content distribution through your establishment.

EDUCATION PROJECTORS	
Ultra Short-Throw Projectors	U Series 3D Ready Models
Short Throw Projectors	M Series Short Throw Models
Mobile Projectors	NP216 EDU 3D Ready Model
Desktop Projectors	M Series, P Series
Installation Projectors	NP3250 Series

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U SERIES | ULTRA SHORT THROW

Projection without Glare or Shadow

The Ultra Short Throw Projection concept places the projector so close to the board that the path of the light from the lens to the image is guided so as not to cross the traditional space used by the teacher or presenter during presentation. This means that the presenter's shadow is not cast on the displayed image and the presenter is not also disturbed by the glare from the lens, which in traditional set ups is placed directly to his front.

Despite its space saving format, the U Series delivers uncompromising image quality with 'BrilliantColor™' colour replication, various automated or manual image adjustment and compensation features, with advanced connectivity including HDMI and control by LAN, and includes an integrated speaker and all housed in an attractive cabinet ideal for even the most stylish rooms with a tidy cable.

**IDEAL FOR INFANT OR WHEELCHAIR USER PARTICIPATION
HEIGHT ADJUSTABLE BOARDS**

For Education customers an optional height adjustable whiteboard can make the U Series perfect for infant or wheelchair user participation. Options available are both motorised and light weight manual with a total adjustment height as large as 50cm between raised and lowered positions.

M SERIES | ECO PERFORMANCE

THE MULTI-PURPOSE M SERIES

With an impressive range of standard, wide and short throw models and brightness levels, suitable for a wide range of classroom environments, All M Series projectors incorporate new NEC innovations such as 75% AV Mute and longer lamp life support as well as all the advanced connectivity and functionality you can expect for today and tomorrow.

The entry level M260X is particularly suited to smaller classrooms and small to medium sized meeting rooms, whilst the high brightness M420X with it's 4200 ANSI Lumen output is ideal for even mid to large size lecture halls. The wide models are ideal for displaying wider Powerpoint presentations and today's video media in its native format and the short throw models provide a flexible value short throw solution with virtually no glare and shadow, ideal for classroom environments.

USER CENTRIC DESIGN

At the heart of the M Series concept is flexibility and we have taken major steps to bring the control of the projector completely within the hands of the presenter whether working via a connected notebook, a local area network or even an installed USB device. This user centric approach is also applied to the intuitive remote and clear easily accessible surface control button arrangement and eco innovations such as 75% AV Mute that can be operated with a simple slide of the front cover or pressing the convenient AV Mute button.

Features such as front ventilation to direct heat output away from attendees, Direct Power On (AC & Computer input) capability, Auto vertical keystone function, 27 OSD languages, an on screen connection guide if no signal is received, USB display function for future-proof connectivity, Viewer function for PC-less presentation and remote mouse function for presenting with projector remote all help assured faster more focussed presentation without setup issues.

UP TO
6000
HOURS LAMP AND
FILTER LIFE

75%
AV MUTE
SLIDING COVER

VALUE | PROJECTOR RANGES

NP216 SERIES PROJECTORS

AFFORDABLE BUT UNCOMPROMISING ECO CLASSROOM PROJECTION

The NP216 Series is a competitive entry level SVGA and XGA Range of DLP projectors designed for low budget classroom installations as well as for portable usage where quality is still demanded. The network capability of the NP216 and the integrated speaker makes them also very suitable for education. They offer an excellent price/performance ratio, advanced eco-friendly features and very low cost of ownership due to low power consumption and up to 5000 hours lamp life.

Suitable for average sized meeting and class rooms with normal lightning conditions. Using Eco mode reduces power consumption and increases lamp life.

NP216 3D READY PROJECTION

With it's DLP® Link technology the NP216 is 3D Ready and when combined with the NEC 3D Starter Kit and if necessary extra glasses, is all you need to get you up and running with low cost 3D in the classroom

NP3250 SERIES | INSTALLATION PROJECTORS

UP TO 20,000 ANSI LUMEN PROJECTION SOLUTIONS

SINGLE INSTALLATION PROJECTOR APPLICATIONS

NEC Installation Projectors deliver outstanding performance in heavier duty environments that require higher brightness. Models are available include standard XGA models and WXGA for playing back the latest media in its native format. Individual brightness is as high as 5000 ANSI Lumen.

PROJECTOR STACKING SOLUTIONS

Stacking is a low cost, flexible way to achieve up to 20,000 ANSI Lumen from our standard projectors. It involves placing up to four projectors across for instance, an auditorium, so that brightness can be multiplied and redundancy is achieved in the event that one projector is not operating.

With stacking, as the projectors are ordinarily spaced out horizontally, the on-screen image isn't blocked when the presenter walks past the front of the screen as the unblocked projectors still can project their image filling up to 75% brightness in the shadowed area.

In addition NEC has created simple to use but powerful Stacking Correction software so that you can quickly and easily achieve a perfect set-up. A stacking configuration is easy because of the Geometric Correction Processing built into the projectors, the camera for the processing and the newly developed dedicated software when installing the projector. Since the adjustment data will be stored in the projector, the PC and the camera are no longer required after initial setup.

NEC Stacking Solutions operate with differing ANSI Lumen Projectors. So NP2250 units can for example be combined with NP3250 units. Projectors can also be temporarily removed and used individually and a stacking solution can still work when one projector fails.

STACKING ACHIEVABLE BRIGHTNESS CHART ANSI LUMEN

UNITS	NP1250	NP2250	NP3250	NP3250W
4 x	14,800	16,800	20,000	16,000
3 x	11,100	12,600	15,000	12,000
2 x	7,400	8,400	10,000	8,000
1 x	3,700	4,200	5,000	4,000

TCO | INDEPENDENT CERTIFIED ASSURANCE

MORE THAN AN ECO LABEL

NEC is committed to where possible gaining the independent TCO Certification for our projectors, so our customers can receive independent and measured evaluation before making a purchase. TCO Certified goes beyond green by combining features such as high performance and ergonomic design with one of the toughest environmental requirements on the market. TCO Certified makes it easy to choose equipment that is designed for the benefit of both the user and the environment.

TCO CERTIFIED PROJECTORS

A TCO-labelled projector is certified to reproduce excellent images to a maximum projected image size, the TCO Image Size. In addition, the projector complies with stringent environmental requirements such as low energy consumption and minimal levels of environmentally hazardous substances.

There is also an 'ECO mode' requirement so the projector can be set to lower luminosities, thus reducing noise, energy consumption and increasing the life of the bulb. The label also requires manufacturers to prove they are working pro-actively on environmental improvements to the production process and social responsibility issues.

NEC PROJECTOR TCO CERTIFICATION

As a manufacturer, NEC are committed to TCO Certification where practicable throughout our projector ranges in the same way that we are committed to TCO Certification for our desktop display ranges.

WHAT IT MEANS

TCO Certification means that the following features of our products have been independently certified by a name you can trust.

ENVIRONMENTAL FEATURES EXAMPLES	
Production	Environmental management system
	Brand owner demonstrates corporate social responsibility
	Limits on hazardous materials - for restrictions on heavy metals and flame retardants
	Packaging designed for recycling
Usage	Energy consumption – Current Energy Star compliant
	Product Lifetime – warranty and availability of spare parts
End of Life	Designed for recycling, take-back options
USABILITY FEATURES EXAMPLES	
TCO Image Size rating	Ensuring optimal image performance to match projected image size
	Easy to choose a projector which suits existing screens or rooms
Calibrated colour temperature	Correct colour temperature provides true-to-life colours
Large colour range	Accurate reproduction of a large number of colours
Even colours	No patches of abnormal coloration on the image
Even luminance	No patches of abnormal luminance on the image
High contrast and black level	Crucial for showing wide variety of detail in the image and dynamics in dark scenes
Low noise levels	Low noise relative to image size
Video and data inputs	Option to connect video and data sources
Low electric and electromagnetic fields	Users are exposed to low electrical and electromagnetic fields

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EDUCATIONAL | SIGNAGE SOLUTIONS

ACROSS CAMPUS SIGNAGE SOLUTIONS

CENTRALLY MANAGED, EMERGENCY, PROMOTIONAL, REGISTRATION AND EVENTS NOTIFICATION SOLUTIONS

Achieve campus-wide connectivity through a single point of access.

Reach out to students and your faculty with emergency bulletins, class notices, interactive registration and event promotions. Impress prospective students, parents and visitors with a progressive, technology-forward school environment.

Alternatively, send an environmentally conscious message by drastically reducing usage of paper, ink and plastics. With a digital display system, your school will be on the cutting edge and at the same time be set to generate extra revenue. For instance, use your digital signage as a fund-raising opportunity to sell naming rights, or help with way finding, via touch-screen kiosks, your visitors will no longer feel lost with strategically placed interactive maps.

Show off your school with pride. With NEC's high quality professional-grade screens, your team colours will look brighter and sharper than ever. Whether in receptions, libraries, reading rooms, cafeterias and training areas, our systems offer a high degree of flexibility and visibility.

Due to their high information content and visibility, public displays are points of attraction. Various NEC public display models can be easily and quickly fitted with a high-quality protection glass that can either be integrated onto the display's highly versatile housing or added onto it afterwards.

X462UN VIDEO WALL SOLUTIONS

NEC are the number one name in Large Format Signage delivering the very best quality products with innovations that maintain performance in even the most challenging environments. Our video walls are both easy to set up and maintain, have finely adjustable calibration capability and with the customary NEC focus on reliability, incorporate advanced heat control so the temperature across the whole wall can be managed as well as an individual display.

PRODUCTS	
P SERIES	PD REFERENCE DISPLAYS
X SERIES	VIDEO WALL DISPLAYS
MULTEOS	ELEGANT COMMERCIAL DISPLAYS
V SERIES	VALUE DISPLAYS
SOLUTIONS	NEC Signage Software
	NEC Option Solutions
	Single Board Computer, Media Player, Daisy Chain, CAT 5
	NEC Interactive Touch Solutions

SIGNAGE SOLUTIONS FOR VIDEO WALLS

X461UNV and X462UN 46" Ultra Thin Bezel

Only 7.3mm Between Contents

Wall Calibrator and EdgeComp for Colour and Brightness Consistency

Fixed and Motorised Mounting and Framing Solutions

CLASSROOM | DESKTOP DISPLAYS

NEC Display Solutions' desktop LCDs have been designed to a high ergonomic degree. Fatigue-free learning and working is guaranteed with award winning ergonomics and excellent picture quality. The EA, PA and EX Series have all been awarded the prestigious IF Design Award.

Virtually all our education displays feature strong eco attributes, including ECO modes, carbon counters, ambient light sensors and lower stand by power usage and our latest addition, the EX Series includes an LED low power panel and a human sensor to detect when students are not present and automatically, power down the display awaiting their return.

Solutions including protection glass and touch-sensitive control ensure the quality and integrity of the display, even when there are frequent changes of users as in any classroom environment.

DESKTOP DISPLAYS	
Performance ECO Displays	MultiSync® E Series
	MultiSync® EA Series
	MultiSync® EX Series
Professional Displays	MultiSync® PA Series
Value Displays	AccuSync® Series
Special displays	Spectraview® Designer Displays
	MD Medical Displays

E AND EA SERIES ECOLOGICAL DISPLAYS

These fully featured monitors with outstanding ecological performance and display quality are the ideal choice for balancing performance with environmental and budget considerations.

Featuring a Carbon Meter for carbon footprint tracking and control, ErgoDesign® height adjustment to best accommodate different child or student shoulder heights and total ergonomics. All EA models feature speakers and headphone sockets for multimedia classes and all 22", 23", 24" and 26" EA Models feature a USB hub.

EA ECO PERFORMANCE

With saving energy and the environment without compromising perfomance central to the product concept, the EA Series are very popular classroom additions

Outstanding amongst these displays is the EA222WMe with its W-LED Panel and ECO Mode Power usage of only 13 watts and the EA231WMi with it's superb eIPS Image and 16:9 format. At the same time the 19", EA192M delivers excellent image performance and functionality where desktop space per student is limited.

EX SERIES ECOLOGICAL DISPLAYS

Our latest ultra ECO Series for the most environmentally conscious establishments bring wide performance to the class with extremely low power consumption and new ECO innovations, such as the human sensor.

The EX Series 'total design concept' which incorporates total ergonomics and future ready connectivity, makes a stylish addition to the modern classroom.

iF product design award 2011

THE AWARD WINNING EX SERIES

Stylish Performance, Ecological Innovation, Human Interactivity Priority and Future Ready Connectivity

ECO
INNOVATION

ECO
SAFETY

**THE EX SERIES
HUMAN SENSOR**

This innovative energy saving feature recognises a student's presence and powers the display down to a standby mode when they leave and re-powers the display when they return.

This means that displays automatically power down during class break out sessions and when the class ends, delivering real operational savings with no noticeable loss of performance.

POWER
95%
SAVING

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PA SERIES REFERENCE DISPLAYS

Like our E and EA Models, the PA Series has also been awarded the IF Design award for its unrivalled performance. The image and colour precision is outstanding and architectural, technical or modelling classes would benefit greatly from the clarity and detail of the P-IPS high resolution panels.

ACCUSYNC® VALUE DISPLAYS

Go wide and green without breaking the budget with NEC AccuSync® Displays. These widescreen LCD monitors offer high quality NEC standards at a very affordable price tag and with their ECO Mode and Carbon Meters you could enjoy a lower TCO through the classroom and protect the environment at the same time.

Quick response times, a high contrast ratio and wide viewing angles, combined with environment-friendly features to make an ideal first step for the transition from CRT to LCD or from conventional to wide format.

SPECIALISED PERFORMANCE IN THE TRAINING ENVIRONMENT

NEC's speciality desktop displays bring the real display solutions used by leading designers and medical experts to the classroom, bringing training closer to its more real-life practical application.

SPECTRAVIEW® DISPLAYS
NEC SpectraView® displays are ideal for media and graphics design students to create models using the best possible colour management and to achieve pre-press printing quality.

MD MEDICAL DISPLAYS
For training courses and further education within the medical sector, NEC's MD medical displays and projectors with a DICOM profile provide the best possible environment for viewing and analysing medical images.

OFF

POWER

ON

POWER
25%
SAVING

DYNAMIC ECO MODE 25% LAMP POWER SAVING
Lamp power is reduced in dark areas without noticeable
difference to the displayed image

POWER

POWER
75%
SAVING

AV MUTE SLIDE COVER 75% LAMP POWER SAVING

NEC GREEN VISION
ECOLOGICAL DISPLAY SOLUTIONS

NEC have made a commitment to sustainable and responsible policies for
over a decade. The NEC 'Green Vision' initiative concentrates on delivering
better productivity with increased sustainability in terms of product
performance and reduced impact on the environment. We continually strive
for improvement, by developing ECO Solutions that are simple to operate,
offer real savings to the user and the environment and do not compromise
performance.

ECO INNOVATION IN PROJECTION

Since our introduction of ECO Modes to our projectors, the concept has been
widely accepted by the industry, but during 2010/2011 we are releasing
new ECO features to our projectors which are both simple to operate and
capable of generating major savings.

PROJECTION DYNAMIC ECO MODE
In addition to ECO Mode and the new ECO Mode 2, a new innovation is
Dynamic ECO Mode that adjusts lamp brightness where power is not
required by content displayed.

PROJECTION 75% AV MUTE FEATURE
A quick and intuitive way to reduce your power usage by simply sliding the
lens cover across the lamp, the lamp restarts immediately on re-opening.

ECO INNOVATION IN DESKTOP DISPLAYS

With the launch of the EA Series, NEC paved the way for the adoption of displays that allow the user to manage their environmental impact, this initiative has been continued with the implementation, where possible of ECO Modes, Carbon Meters and Sensors into our new display products.
With the latest LED backlight technology the EX231W operates on a very low power consumption level, while we also eliminate hazardous substances like mercury in the backlights. Sustainability is at the heart of the product concept with human, luminance and ambient light sensors, to detect changes in light and the presence of a viewer, so the display constantly adjusts to the power level needed and no more.

Due to the extremely light and thin concept and packaging innovation, we use less materials in production of the display itself and in it's transportation. There is less 'difficult to dispose of' waste, less consumption and we can ship 100 EX Series displays using the same resource as was previously required to ship 60 displays.

DESKTOP DISPLAY ECO SENSORS
Features such as the Ambient Light Sensor and the Human Sensor which powers the display down to stand by when the user leaves their seat and re-powers the display on their return, actively reduce costs of operation and costs to the environment.

ECO INNOVATION IN SIGNAGE SOLUTIONS

Larger screens are generally run for longer durations and also require greater power to reproduce an image especially where they are placed in bright environments.

Our ECO Innovations, targeted at reducing power draw when it is not required. Ambient light sensing, which is incorporated into most of our large format models, works with a sensor on the front of the display that detects the ambient light conditions and where possible lowers the brightness so the screen image is still clearly visible but less bright.

In-built 'ECO schedulers' allow the operator to define when the display should be on and off, or operate in an ECO mode or at lower brightness. The user can also at any time select ECO mode reducing the power use until reset and carbon savings can also be read, via the in-built carbon meter accessible in the OSD.

DESKTOP DISPLAYS WITH WHITE LED BACKLIGHT

The LED Backlight not only offers improved performance, but also draws less power and most importantly it replaces CCFL backlighting and is therefore free from Mercury and Halogen, significantly reducing any harm to the environment associated with this display.

1. LCD displays the final colour rich image
2. Light Diffuser, redirects the light in parallel to the LCD Panel
3. LED Backlight to provide uniform brightness

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NEC Display Solutions

EDUCATION DISPLAY SOLUTIONS

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